



**PRAGATI POWER CORPORATION LTD.
'HIMADRI' RAJGHAT POWER HOUSE COMPLEX
NEW DELHI-110002.**

**ENVIRONMENTAL CLEARANCE FOR 800 MW PRAGATI-II
GAS BASED COMBINED CYCLE POWER PROJECT AT
BAMNAULI- SOUTH WEST DELHI.**

GENERAL PUBLIC IS HEREBY INFORMED THAT MINISTRY OF ENVIRONMENT AND FORESTS (MOEF) VIDE LETTER NO. J-13012/223/2007-IA.II(T) DTD-9TH FEBRUARY,2011 HAS CONVEYED ENVIRONMENTAL CLEARANCE TO SET-UP 800 MW PRAGATI-II GAS BASED COMBINED CYCLE POWER PROEJCT AT BAMNAULI, SOUTH-WEST DELHI THROUGH PRAGATI POWER CORPORATION LTD. (PPCL), A GOVT. OF DELHI UNDERTAKING.] THE COPY OF THIS LETTER IS AVAILABLE WITH DELHI POLLUTION CONTROL COMMITTEE AND ALSO WITH THE UNDERSIGNED WHICH CAN ALSO BE SEEN ON THE WEBSITE OF MINISTRY OF ENVIRONMENT & FOREST AT <http://www.envrfor.nic.in> AND PPCL WEBSITE AT www.ipgcl-ppcl.com.

*AMIT Dept. / 10-11/18
16/3/11*

R. Tikun
(R.TIKU)

EXECUTIVE DIRECTOR (T)
PRAGATI POWER CORP. LTD.
IP ESTATE, RING ROAD, N.DELHI-2

AMIT
You are requested to
update ~~the~~ our website with
our information Pl.
Dim
Pl.



GM (P.O.)
N.D.
3926
15/2/11

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BY SPEED POST

J-13012/233/2007-IA.II (T)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: February 09, 2011.

To

M/s Pragati Power Corporation Ltd.
IP Estate, Ring Road
New Delhi - 110 002.

Sub: 800 MW Pragati-II Gas Based Combined Cycle Thermal Power Plant at village Bamnauli, in South West Distt., in Delhi - reg. Environmental Clearance.

Sir,

The undersigned is directed to refer to letters dated 08.10.2010 and 25.11.2010 on the subject mentioned above.

2. The Ministry of Environment & Forests has examined the application. It has been noted that the proposal is for setting up of 800 MW Pragati-II Gas Based Combined Cycle Thermal Power Plant (2 GT + 2 HRSG + 1 ST) at village Bamnauli, in South West District, in Delhi. This plant will be located adjacent to the existing 400 KV Grid Station of M/s Delhi Transco Ltd. Cooling tower will be induced draft type. The co-ordinates of the proposed power plant are 28°32'48"N and 77°2'0"E (centre point). The land requirement will be 20 ha. Gas requirement will be 3.4 MSCMD. A main stack of 70 m height along with by-pass stack of 70 m height also will be installed. Water requirement of about 1870 cum/hr for operating the plant will be obtained from treated sewage water of Delhi Jal Board at Dwarka, which is about 8 km from the plant site. Dry low NO_x burners will be installed along with Gas Turbines to control NO_x emission at source. There are no national parks, wildlife sanctuaries, tiger/elephant/ biosphere reserves, heritage sites etc within 10 km distance of the plant site. No diversion of forest and prime agricultural land will be involved. Public hearing was held on 16.04.2010. Cost of the project will be Rs. 3025.0 Crores.

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006.

4. Based on the information submitted by you, as at Para 2.0 above and others and presentation made by you and your consultant before the Expert Appraisal Committee (thermal Power) in its 12th Meeting held during December 6-7, 2010, the Ministry of Environment and Forests hereby accords environmental clearance under the provisions of EIA notification

dated September 14, 2006, subject to the compliance of the following Specific and General conditions:

A. Specific Conditions:

- (i) Vision document specifying prospective plan for the site shall be formulated and submitted to the Ministry **within six months**.
- (ii) In case fuel for running the power plant is proposed to be changed from natural gas to other fuel (liquid or solid) the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments). In such a case the necessity for holding public hearing again or otherwise will be determined by the Ministry in consultation with the Expert Appraisal Committee (Thermal Power).
- (iii) The project proponent shall commission a study immediately through reputed institutions like IIT/NPL/CPCB etc. to assess the impact on human health and on aircraft take off and landings due to likely increased condition of smog resulting from increasing NO_x concentration. The study proposed shall also taken into consideration the source apportionment data and shall suggest specific mitigation measures. The interim report and status of implementation of the study shall be submitted to the Ministry every six months until a final report is ready. **The study shall be completed in a reasonable period not exceeding two years from the date of issue of environmental clearance in the instant case.**
- (iv) No expansion shall be permitted in the said premises until specific findings of the study is placed for public information.
- (v) Local employable youth shall be trained in skills relevant to the project for eventual employment in the project itself. The action taken report and details thereof to this effect shall be submitted to the Regional Office of the Ministry and the State Govt. Dept. concerned from time to time.
- (vi) Additional soil for leveling of the proposed site shall be generated within the sites (to the extent possible) so that natural drainage system of the area is protected and improved.
- (vii) Hydro geological study of the area shall be reviewed annually and report submitted to the Ministry. No water bodies including natural drainage system in the area shall be disturbed due to activities associated with the setting up / operation of the power plant.
- (viii) COC of 5.0 shall be adopted.
- (ix) A well designed rainwater harvesting shall be constructed. Central Groundwater Authority/ Board shall be consulted for finalization of

